

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	AMENDMENT	JOB ORDER NUMBER	APPROVAL
QSS Group, Inc.	NAS5- 99124	TASK NO. 437	561-227-72-01-89	01

TASK TITLE: (NTE 80 characters; include Project name)

SORCE Electronic Board Analysis and Assembly

APPROVALS (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Carey F. Lively <i>Carey F. Lively</i>	12/4/2000	730	471	301-286-8983
BRANCH HEAD	DATE	CODE	PHONE	
Bill Ochs <i>Bill Ochs</i>	12/14/2000	730	301-286-2269	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE	PHONE	
Robert S. Lehair, Jr. <i>Robert S. Lehair, Jr.</i>	12/14/00	560	301-286-6588	
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	<i>for E. Moore</i> Larry Moore		Ronald E. Kolecki	

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications.
The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:
Date: DEC 18

Contractor will develop specification or statement of work under this task for a future procurement.	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
Flight hardware will be shipped to GSFC for testing prior to final delivery.	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> N/A
Government Furnished Property/Facilities:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)
Onsite Performance:	<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES If yes: <input checked="" type="checkbox"/> TOTAL <input type="checkbox"/> PARTIAL. If partial, indicate onsite work in SOW by asterisk (*)
Surveillance Plan Attached:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
Highlighted Contract Clauses:	(to be completed by Contracting Officer)

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	X No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ _____.
The target fee of this task order is \$ _____.
The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ _____.
The maximum fee is \$ _____.
The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

SIGNATURE OF CONTRACTING OFFICER	DATE	TYPED NAME OF CONTRACTING OFFICER
CONTRACTOR'S ACCEPTANCE		
AUTHORIZED SIGNATURE	DATE	

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QSS Group, Inc.	NAS5- 99124	437	

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall perform mechanical and thermal analysis of the SORCE Power Regulation Electronics (PRE) Printed Wiring Board (PWB). The contractor shall review the mechanical and thermal requirements for the SORCE PRE. The contractor shall generate a mechanical analysis report and a thermal analysis report detailing the results of this analysis. The contractor shall also recommend solutions to any problems uncovered as a result of this analysis.

The contractor shall assemble printed circuit wiring boards (PWBs) for the SORCE instrument according to the design and layouts provided by the government. Parts, boards, specifications and standards will be provided by the government.

PERFORMANCE SPECIFICATIONS:

Perform board level mechanical analysis using Nastran, Stardyn, or equivalent.

Perform component level mechanical analysis using closed form equations.

Perform board level thermal analysis using SINDA or equivalent.

Perform component level thermal analysis using closed form equations.

Perform PWB assembly, inspection, and verification in accordance with industry standard practice.

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports.

Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention. Report to include: (1) summary of monthly progress; (2) plans for next month; (3) problems; (4) issues; and (5) resolution of problems/issues.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

SORCE Systems Requirements Document

TASK END DATE: 1/19/01

MILESTONES/DELIVERABLES AND DATES:

Preliminary Mechanical Analysis	1/3/01
Final, signed-off Mechanical Analysis	1/19/01
Preliminary Thermal Analysis	1/3/01
Final, signed-off Thermal Analysis	1/19/01
Assembled and Verified PWBs	1/19/01
Technical Progress Report	Monthly, 15th of the month

PERFORMANCE STANDARDS:

Schedule: On-time delivery of the mechanical and thermal analysis reports.

Technical: Meets requirements as determined by the SORCE Systems Requirements Document

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Carey F. Lively, building 16, room N077